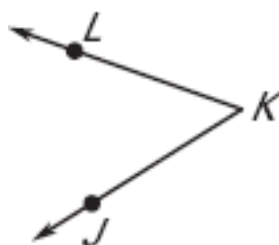


UNIT 2 TEST REMEDIATION PACKET

You will need to show this completed and corrected packet to your teacher in order to retake the test. Your grade will be the average of this grade and your old grade up to 70%. Please get help where you need it!

TARGET 2A & 2B (#1- 3)

1.) Use the picture below to answer the following questions:

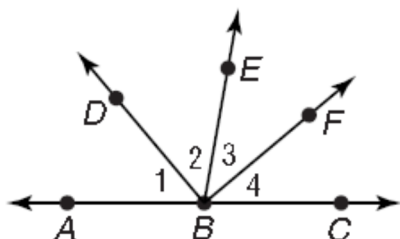


1a. Give 3 different names for the angle _____

1b. Name the vertex of the angle _____

1c. Name the sides of the angle _____

2.) Use the picture below to answer the following questions:



2a. Give another name for $\angle EBF$ _____

2b. Give another name for $\angle 2$ _____

2c. Name the sides of $\angle DBC$ _____

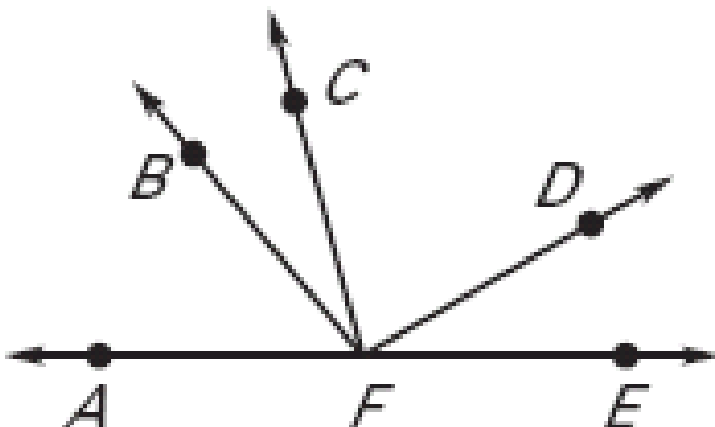
3.) Use a protractor to find the measure of each angle:

3a. $\angle AFB =$ _____

3b. $\angle BFD =$ _____

3c. $\angle CFE =$ _____

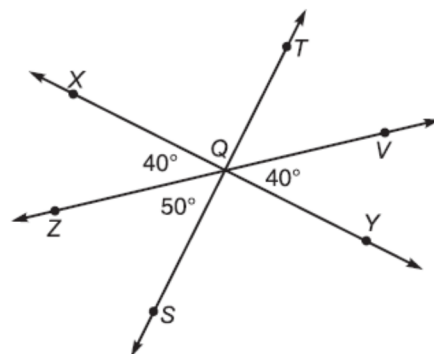
3d. $\angle DFE =$ _____



TARGET 2C (#4-9)

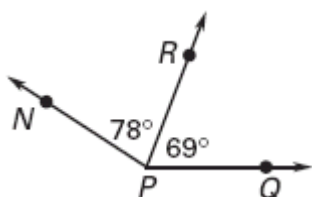
For #5 - 10, decide if the angle is *acute*, *right*, *obtuse* or *straight*.

- 4.) $\angle ZQX$ _____ 6.) $\angle VQZ$ _____
 6.) $\angle YQZ$ _____ 7.) $\angle VQY$ _____
 8.) $\angle XQY$ _____ 9.) $\angle TQX$ _____

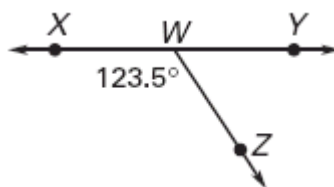


TARGET 2D (#10-14)

- 10.) Find the measure of $\angle NPQ$ 11.) Find the $m\angle YWZ$.

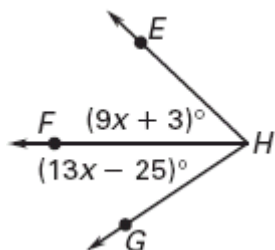


$$m\angle NPQ = \underline{\hspace{2cm}}$$



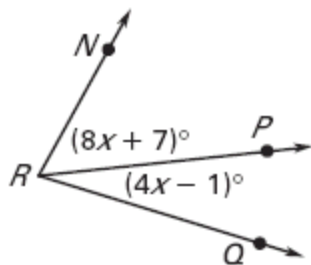
$$m\angle YWZ = \underline{\hspace{2cm}}$$

- 12.) Solve for x if $\angle EHG = 77^\circ$.



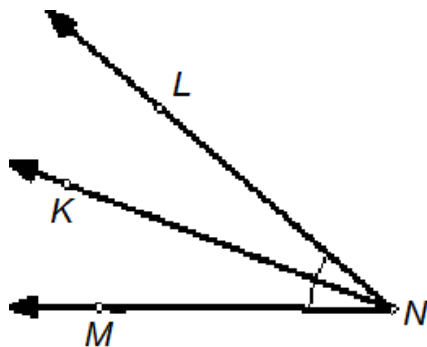
$$x = \underline{\hspace{2cm}}$$

- 13.) Find the $m\angle NRP$ if the $m\angle NRQ = 78^\circ$.



$$m\angle NRP = \underline{\hspace{2cm}}$$

- 14.) Use the picture to below to answer the following questions. \overrightarrow{KN} bisects $\angle LNM$.



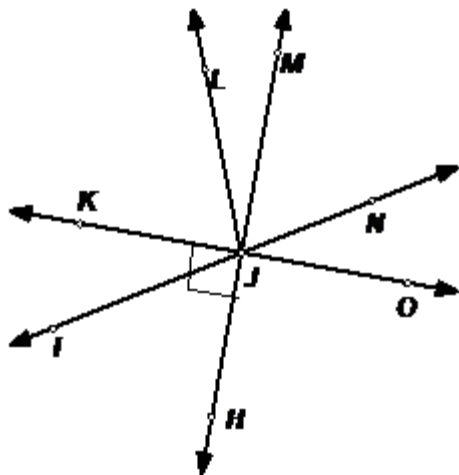
14a. If $m\angle LNM = 42^\circ$, find $m\angle LNK$ _____

14b. If $\angle LNK = 5x - 12$ and $\angle KNM = 2x + 9$, find x and $\angle LNM$

$$x = \text{_____} \angle LNM = \text{_____}$$

TARGET 2E (#15-20)

For #15-20, use the picture below to answer the following questions.



15.) Name an angle vertical to $\angle NJO$ _____

16.) Name an angle adjacent to $\angle LJM$ _____

17.) Name an angle that forms a linear pair with $\angle HJO$ _____

18.) Name an angle complementary to $\angle LJM$ _____

19.) Besides $\angle KJH$, name another right angle _____

20.) What are three different angle pair names that describe

$\angle MJN$ and $\angle MJI$? _____

_____, _____

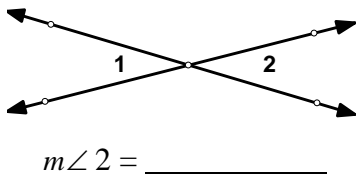
TARGET 2F (#21-22)

- 21.) Fill in the chart below. Use the given angle to find its complement (add to 90°) and its supplement (add to 180°)

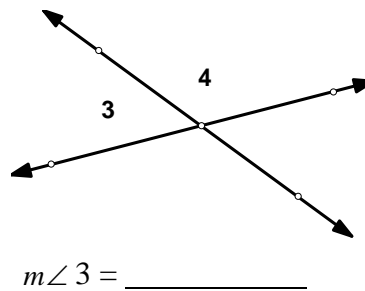
Angle	Complement	Supplement
43°		
68°		
13°		

22.) Solve for the missing angle using the given information.:

a) $m\angle 1 = 60^\circ$, find $m\angle 2$

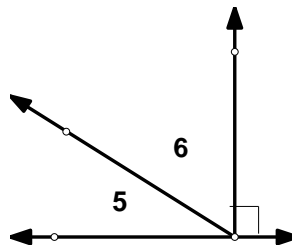


b) $m\angle 4 = 135^\circ$, find $m\angle 3$.



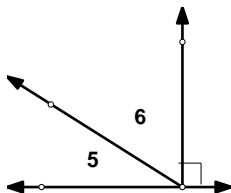
c) $m\angle 5 = 37^\circ$, find $m\angle 6$.

$m\angle 6 = \underline{\hspace{2cm}}$



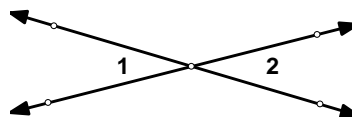
For #23-26, solve for the variable and the indicated angle(s).

23.) $m\angle 5 = 2x + 1$ and $m\angle 6 = 4x - 1$



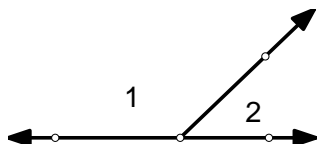
$x = \underline{\hspace{2cm}}$, $\angle 6 = \underline{\hspace{2cm}}$, $\angle 5 = \underline{\hspace{2cm}}$

24.) $m\angle 1 = 3x - 12$, $m\angle 2 = x + 20$



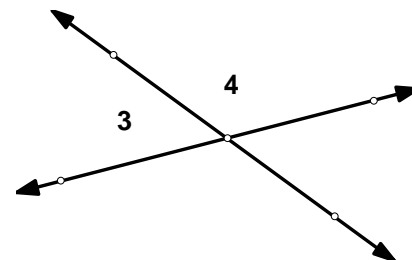
$x = \underline{\hspace{2cm}}$, $\angle 1 = \underline{\hspace{2cm}}$, $\angle 2 = \underline{\hspace{2cm}}$

25.) $m\angle 1 = 2x + 141$, $m\angle 2 = x + 27$



$x = \underline{\hspace{2cm}}$, $\angle 1 = \underline{\hspace{2cm}}$, $\angle 2 = \underline{\hspace{2cm}}$

26.) $m\angle 3 = (3x - 20)^\circ$
 $m\angle 4 = (10x + 135)^\circ$



$x = \underline{\hspace{2cm}}$, $\angle 3 = \underline{\hspace{2cm}}$, $\angle 4 = \underline{\hspace{2cm}}$